

PTO 1390 Page 1 of 1

US Dept. of Commerce Pat. &amp; Trademark Office

Attorney's Docket No.

23091

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 USC 371

US. Application No. (if known)

10/517669

INTERNATIONAL APP. NO.

PCT/DE03/01834

INTERNATIONAL FILING DATE

4 June 2003

PRIORITY DATE CLAIMED

10 June 2002

TITLE OF INVENTION

HARD METAL SUBSTRATE BODY AND METHOD FOR PRODUCING THE SAME

APPLICANT(S) FOR DO/EO/US

Dieter KASSEL et al

Applicant herewith submits to the United States Designated/Elected Office (DO/EU/US) the following .

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
3. ☐ This is an express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 317(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 USC 371(c)(2)).
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau.
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Patent Office.
6. ☐ A translation of the International application into English.
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau.
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 USC 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).

Items 11. to 16. below concern documents or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An Assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☒ A change of power of attorney and/or address letter.
17. ☒ Other items of information.

US Application no (if known) <b>10/517669</b>	International Application no. <b>PCT/DE03/01834</b>	Agency's Docket No. <b>23091</b>
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17. The following fees are submitted:  
 Basic National Fee (37 CFR 1.492(a)(1)-(5):  
 Search report has been prepared by the EPO or JP ..... \$950.00  
 Int'l prel. exam. fee paid to USPTO (37 CFR 1.482) ..... \$750.00  
 No int'l prel. exam. fee paid to USPTO (37 CFR 1.482)  
 but int'l search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$790.00  
 Neither int'l prel. exam fee (37 CFR 1.482) nor  
 int'l search fee (37 CFR 1.455(a)(2)) paid to USPTO ..... \$1000.00  
 Intl. prel. exam. fee paid to USPTO (37 CFR 1.482)  
 and all claims satisfied provisions of PCT Art. 33(2-4) ..... \$200.00

CALCULATIONS PTO USE ONLY

ENTER APPROPRIATE BASIC FEE AMOUNT

Surcharge of \$130.00 for furnishing oath or declaration later than ☐ 20 ☒ 30  
 months from the earliest claimed priority date (37 CFR 1.492(e)).

**\$130**

CLAIMS	NO. FILED	NO. EXTRA	RATE
Total claims			
Ind. claims			
MULTIPLE DEP. CLAIM(S) (if applicable) (see prel. amt.)			

TOTAL OF ABOVE CALCULATIONS

**\$130**

Reduction of 1/4 for filing by small entity, if applicable. Verified Small Entity Statement  
 must also be filed (37 CFR 1.2, 1.27, 1.28)

**\$0**

SUBTOTAL

**\$130**

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
 months from the earliest claimed priority date (37 CFR 1.492(f)).

TOTAL NATIONAL FEE

**\$130**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The Assignment may be  
 accompanied by an appropriate PTO-1595 cover sheet (37 CFR 3.28, 3.39)

**\$40**

TOTAL FEES ENCLOSED

**\$170**

06/08/2005 SNA JARRO 00000051 10517669

01 FC:1617

130.00 OP

Amt to be refunded

Amt to be  
charged

- a. ☐ A check in the amount of **\$130** to cover the above fees is enclosed
- b. ☐ Please charge my deposit account 18-2025 **\$00.00** to cover the above fees. A copy of this sheet is enclosed.
- c. ☒ Please charge the amount due to the credit card identified in the attached PTO-2038.
- d. ☒ The commissioner is authorized to charge any additional fees which may be required or credit any overpayment to deposit  
 account 18-2025. A copy of this sheet is enclosed
- e. ☒ A PTO-2038 in the amount of **\$40** to cover recordal of the Assignment is enclosed

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive  
 (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Send all correspondence to:

**The Firm of Karl F. Ross P.C.**  
**5676 Riverdale Ave. Box 900**  
**Riverdale (Bronx), NY 10471**

Herbert Dubno, Reg. No. 19,752



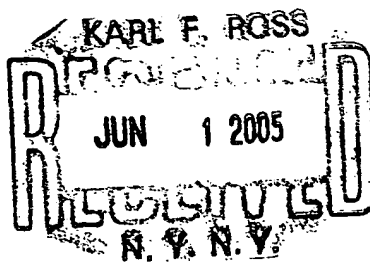
## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/517,669	Dieter Kassel	23091

INTERNATIONAL APPLICATION NO.	
PCT/DE03/01834	
IA. FILING DATE	PRIORITY DATE

The Firm of Karl F Ross  
 5676 Riverdale Ave  
 Box 900  
 Riverdale (Bronx), NY 10471



CONFIRMATION NO. 1888  
 371 FORMALITIES LETTER  
 \*OC000000016109330\*  
 \*OC000000016109330\*

Date Mailed: 05/26/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/09/2004
- English Translation of the IA filed on 12/09/2004
- Copy of the International Search Report filed on 12/09/2004
- Preliminary Amendments filed on 12/09/2004
- Information Disclosure Statements filed on 12/09/2004
- U.S. Basic National Fees filed on 12/09/2004
- Priority Documents filed on 12/09/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION,**

**WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

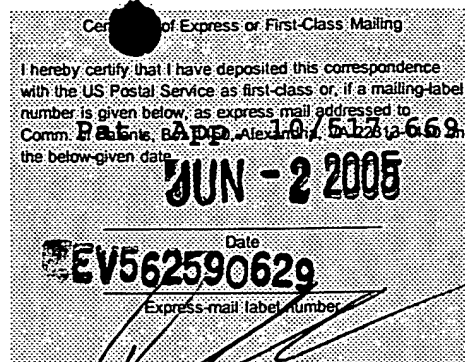
**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/517,669	PCT/DE03/01834	23091

FORM PCT/DO/EO/905 (371 Formalities Notice)

Atty's 23091

23091



IN THE U.S. PATENT AND TRADEMARK OFFICE

Inventor Dieter KASSEL et al  
Patent App. 10/517,669 (US Nat'l phase of PCT/DE03/01834)  
Filed 9 December 2004  
For HARD METAL SUBSTRATE BODY AND METHOD FOR  
PRODUCING THE SAME

Hon. Commissioner of Patents  
Box 1450 Alexandria, VA 22313-1450

RECORD OF TRANSMITTAL--PCT APPLICATION

<input checked="" type="checkbox"/>	PCT Transmittal	
<input type="checkbox"/>	PCT Application	
<input type="checkbox"/>	Translation	
<input type="checkbox"/>	Sheets of Drawing (0)	
<input checked="" type="checkbox"/>	PCT Declaration	
<input type="checkbox"/>	PCT Documents	
<input type="checkbox"/>	International Search Report	
<input type="checkbox"/>	Preliminary Amendment	
<input checked="" type="checkbox"/>	Assignment (with PTO-1595 and sep. PTO-2038)	
<input checked="" type="checkbox"/>	PTO-2038 for Official Fees	
<input checked="" type="checkbox"/>	Late filing	\$130.00
	Total	\$130.00

Please charge any fees not covered by an enclosed PTO-2038 to account 18-2025 of the undersigned.

2 June 2005

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Bronx, NY 10471-0900  
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Customer No. 535  
rg

Respectfully submitted,  
The Firm of Karl F. Ross P.C.

  
Herbert Dunn, Reg. 19,752